

## BAZOOKA PREPARATION INSTRUCTIONS

1. Unpack game and inspect for damage, report or file claim immediately.
2. Upon uncrating Bazooka game, remove rear door from cabinet.
3. Remove  $\frac{1}{4}$  x 3" bolt from inside of cabinet, running through Bazooka pipe, parallel to front of cabinet.
4. Turn Bazooka  $\frac{1}{4}$  turn counter-clockwise.
5. CAUTION: Do not turn Bazooka any further than  $\frac{1}{4}$  turn counter-clockwise or the shot will be misaligned.
6. Replace bolt through pipe and tighten lock nut.

AFTER INSERTING THE BOLT AS ABOVE, THE BAZOOKA SHOULD BE TESTED TO DETERMINE IF IT IS IN ADJUSTMENT, i.e. THE SHOT IS IN LINE WITH THE BAZOOKA POSITION.

1. Slide switch marked shot alignment on drawing.
2. On some early models the switch was not provided, in this case connect a 1K resistor from B-4 pin 9 to positive side of capacitor, 100 MF at 16 VDC just to left of control harness connector (C3) on mother board.
3. This will display shot location.
4. Turn pot marked shot travel center all the way clockwise.
5. Turn pot marked shot travel width all the way clockwise and back up  $\frac{1}{4}$  turn.
6. Turn Bazooka all the way left.
7. Loosen pot body installed under the Bazooka and turn it until shot appears as far left as it will go. Tighten body in place.
8. Center the Bazooka and turn pot marked shot travel width until shot is lined up with Bazooka.
9. Shot should now travel with Bazooka across the screen.
10. Slide switch back to original position.
11. Timing pot is set for 90 seconds, turn pot clockwise when standing in rear to increase time, or counter-clockwise to decrease time.



PROJECT SUPPORT ENGINEERING  
750 N. Mary Ave., Sunnyvale, CA 94086

TERMS AND CONDITIONS OF WARRANTY

1. PURCHASER'S INSPECTION AND ACCEPTANCE OF GOODS

Purchaser shall properly inspect and test the goods sold hereunder immediately upon their arrival and shall within ten days after their arrival give written notice to Project Support Engineering (PSE) of any claim that the goods are damaged or defective. If Purchaser fails to inspect and test the goods as called for above, Purchaser will be held to have accepted the goods with all faults that inspection and testing would have revealed, to have waived all rights Purchaser may have had to revoke acceptance after said ten day period, and to have waived all claims for breach of warranty arising out of or occasioned by any such faults.

2. LIMITED WARRANTY

PSE warrants the printed circuit board contained in the Video Game to be free from defects in workmanship and materials for a period of one year from the date of shipment provided warranty registration procedures are complied with. EXCEPT AS PROVIDED IN THE PREVIOUS SENTENCE, PSE MAKES NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NO OTHER WARRANTIES EXPRESS OR IMPLIED, ARE MADE HEREIN UNLESS SPECIFICALLY PROVIDED FOR BY WRITTEN ATTACHMENT HERETO. The printed circuit boards warranted herein shall not be returned to PSE without prior approval of PSE. Defective printed circuit boards should be shipped after approval of PSE to PSE's Home Office for repair or replacement. Purchaser shall be responsible for all cost of shipment and risk of loss or damage during shipment.

3. EXCLUSIVE REMEDIES AND LIMITATION OF LIABILITY

With respect to claims based on alleged damaged or defective goods or alleged negligence of PSE, BUYERS EXCLUSIVE REMEDY SHALL BE FOR DAMAGES. THE LIABILITY OF PSE FOR ANY LOSS OR DAMAGE CAUSED BY DAMAGED OR DEFECTIVE GOODS, IRRESPECTIVE OF WHETHER SUCH DEFECTS ARE DISCOVERABLE OR LATENT, OR FOR THE NEGLIGENCE OF PSE, SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PARTICULAR GOODS CAUSING LOSS OR DAMAGE, OR, AT THE ELECTION OF PSE, THE REPAIR OR REPLACEMENT OF EQUIPMENT OR PARTS COVERED BY THE WARRANTY, such repair or replacement to occur at the location selected by PSE IN NO EVENT SHALL PSE BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY DAMAGED OR DEFECTIVE GOODS OR THE NEGLIGENCE OF PSE.

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Detach and Mail to PSE

WARRANTY REGISTRATION CARD

COMPANY NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

SERIAL NO: \_\_\_\_\_ DATE OF SHIPMENT: \_\_\_\_\_

PURCHASED FROM: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

**BUSINESS REPLY MAIL**

No postage necessary if mailed in the United States  
Postage will be paid by:

**PROJECT SUPPORT ENGINEERING**

750 N. MARY, SUNNYVALE, CALIFORNIA 94086

First Class  
Permit No. 875  
Sunnyvale CA



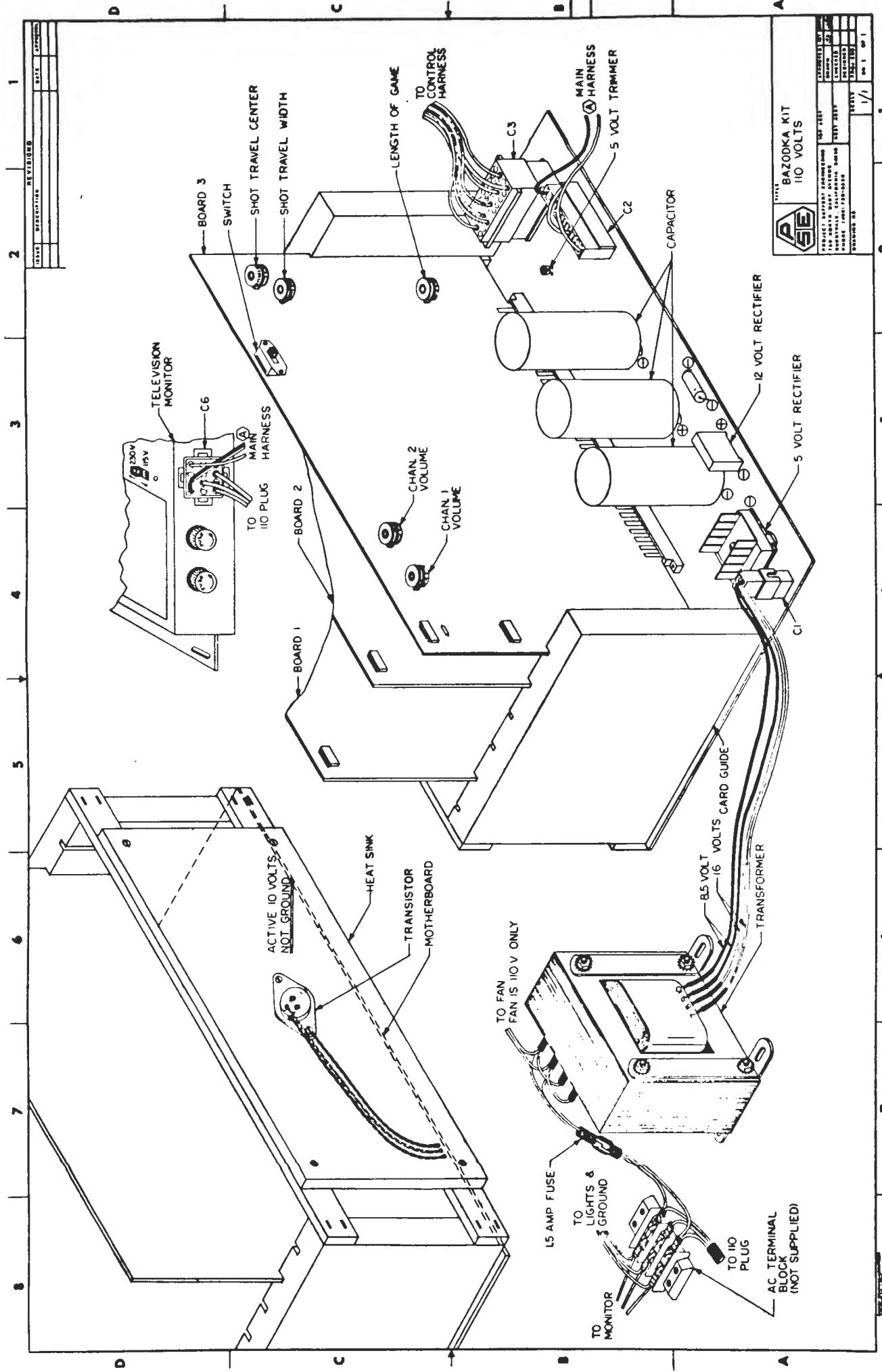
Bradley J. Grigsby  
SERVICE SUPERVISOR

(408) 739-8550

**PROJECT SUPPORT ENGINEERING**

750 N. MARY, SUNNYVALE, CALIF. 94086

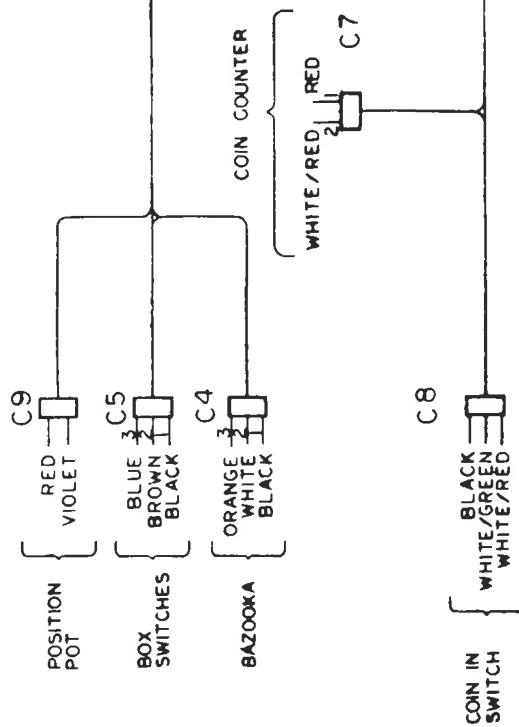
*Toll Free 800-538-1798*



<u>WIRING LIST</u>		
PIN #	COLOR	LOCATION
17	GREEN	SPEAKER A
25	YELLOW	SPEAKER B
5	GRAY	SPEAKER COMMON
6	BLACK (2 EA)	CONTROLS RETURN
-	RED	POT SOURCE
9	ORANGE	FIRE BUTTON
33	BLUE	HIGH SCORE CLEAR
13	VIOLET	POT
20	BROWN	START
12	WHITE	LIGHT
35	WHITE/RED	COIN SWITCH NO
36	WHITE/GREEN	COIN SWITCH NC
		NOTE: ALL WIRE # 22 GAUGE.
7	WHITE	VIDEO
-	# 18 BROWN	GROUND
12	SHIELD	GROUND
1	GREEN	C2
5	GREEN	COIN IN
3	WHITE	SWITCH
6	WHITE	
		NOTE: ALL WIRE # 18 GAUGE

SPEAKER A  
C10  
GREEN GRAY

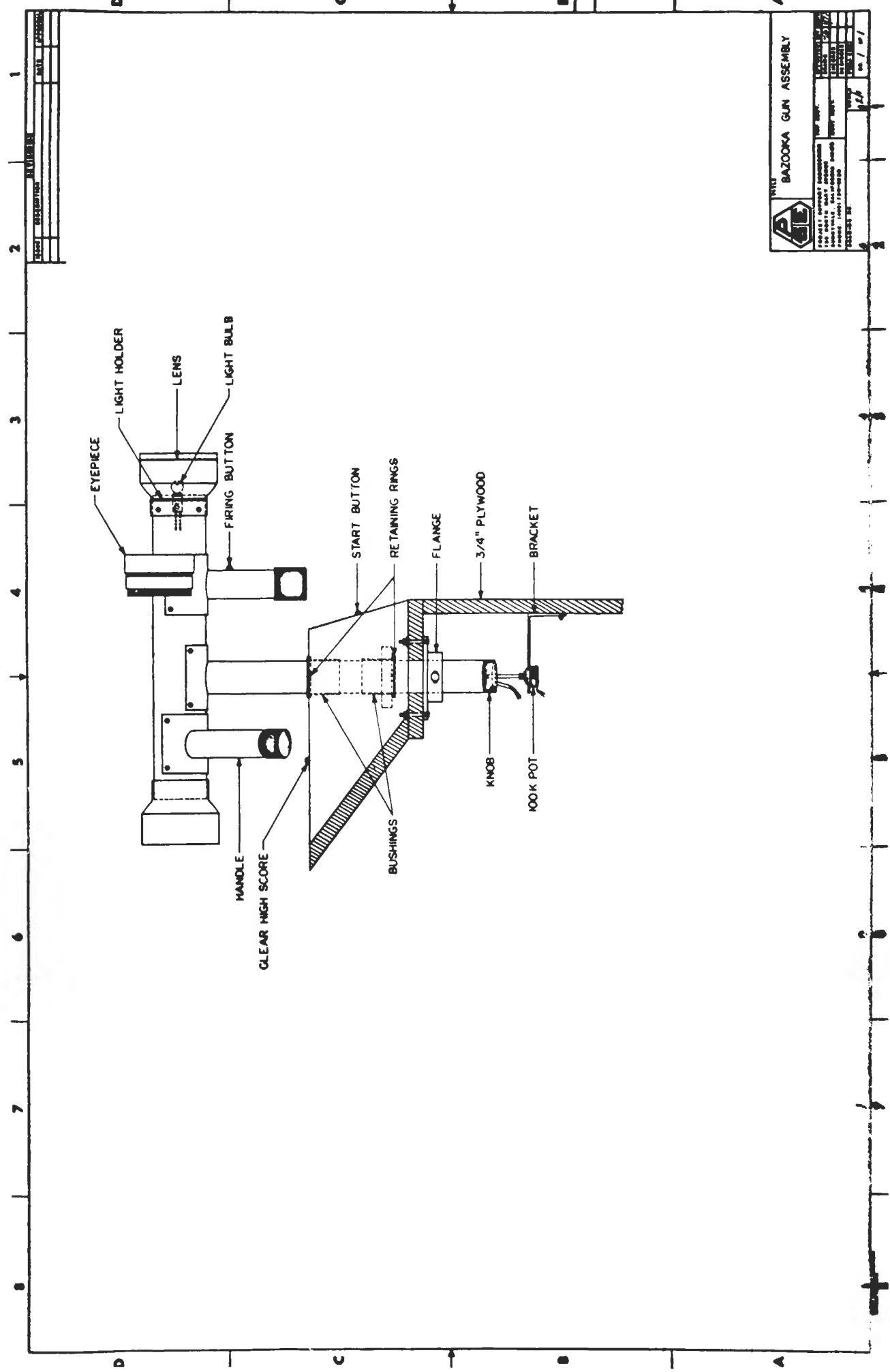
SPEAKER B  
C11  
YELLOW GRAY

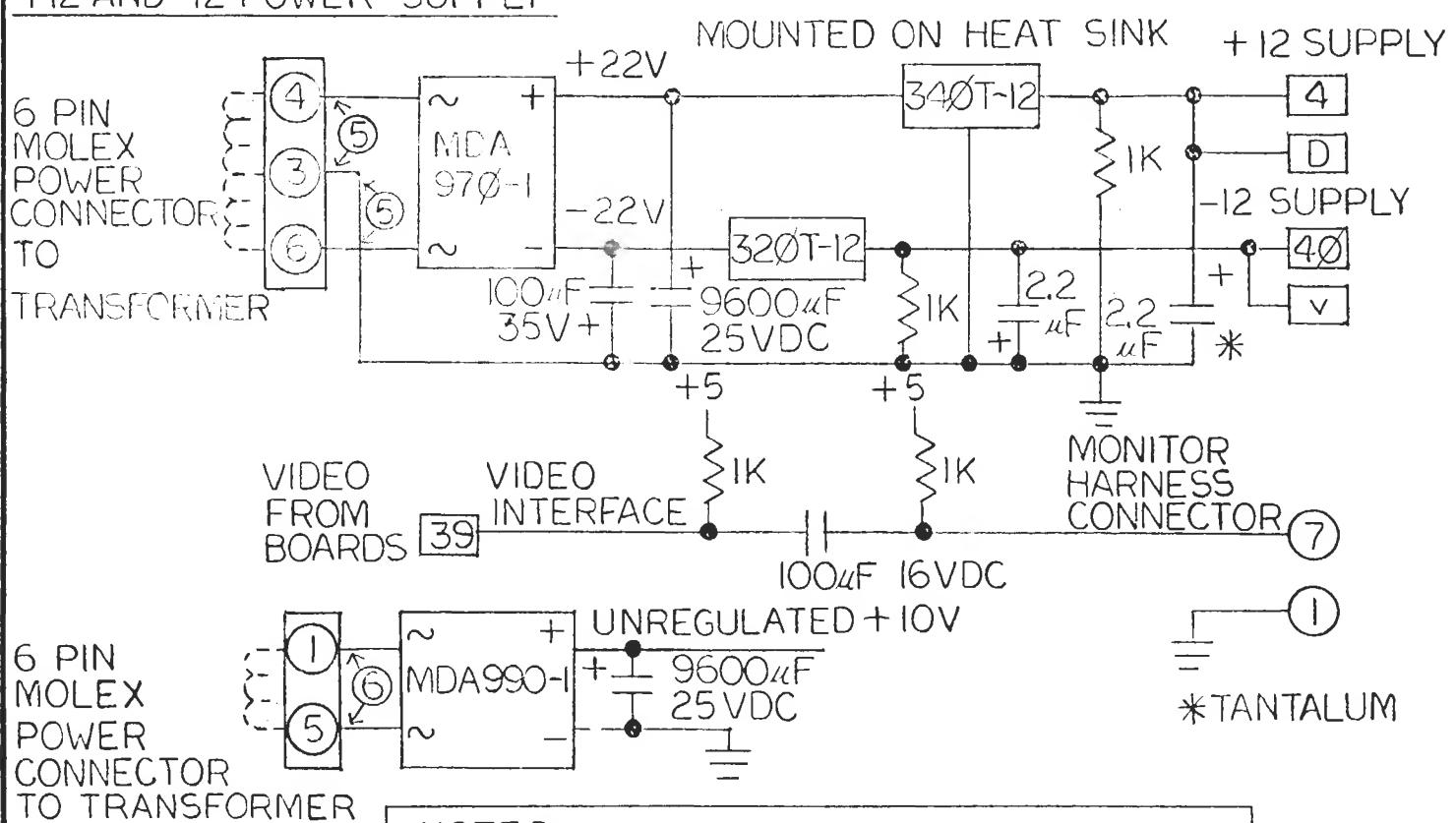
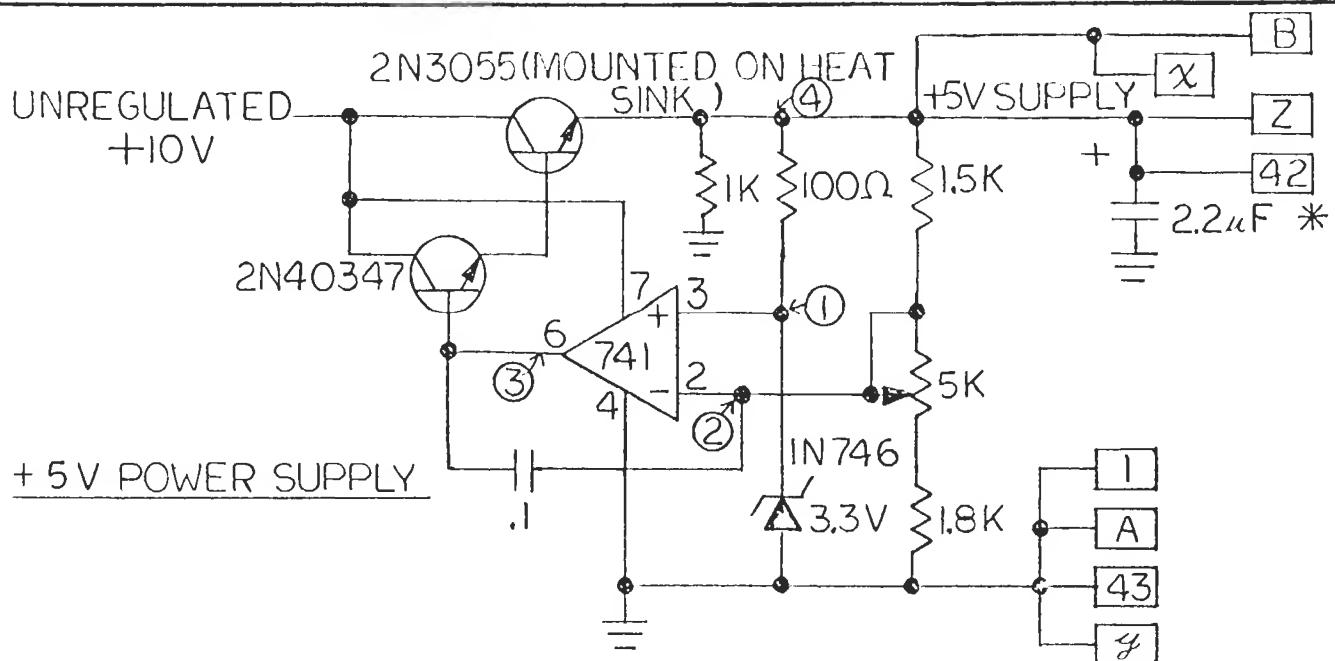


NOTE: COIN COUNTER MUST  
HAVE PROTECTION DIODE.

<b>PROJECT SUPPORT ENGINEERING</b>		<b>TOP ASST.</b>	<b>APPROVED BY</b>
750 NORTH BAY AVENUE		SHAWN	COOK
SUNNYVALE, CALIFORNIA 94088		CONTRACTED	7/22/72
PHONE: (408) 738-0888		DESIGNED	
DRAWING NO.		SCALE	
		PROJ. ENCL.	
		1	OF 1

**BAZOOKA WIRING LIST**  
**& DIAGRAM**





NOTES:

① +3 TO +3.5V	④ +4.75 TO +5.25V
② +3 TO +3.5V	⑤ 16 VRMS
③ +6.5 TO +7V	⑥ 8.5 VRMS



TITLE

POWER SUPPLY  
SCHEMATIC

PROJECT SUPPORT ENGINEERING  
750 NORTH MARY AVENUE  
SUNNYVALE, CALIFORNIA 94086  
PHONE: 1408 739-8550

TOP ASSY.

NEXT ASSY.

APPROVED

DRAWN

CHECKED

DESIGNER

INT.

S

12/77

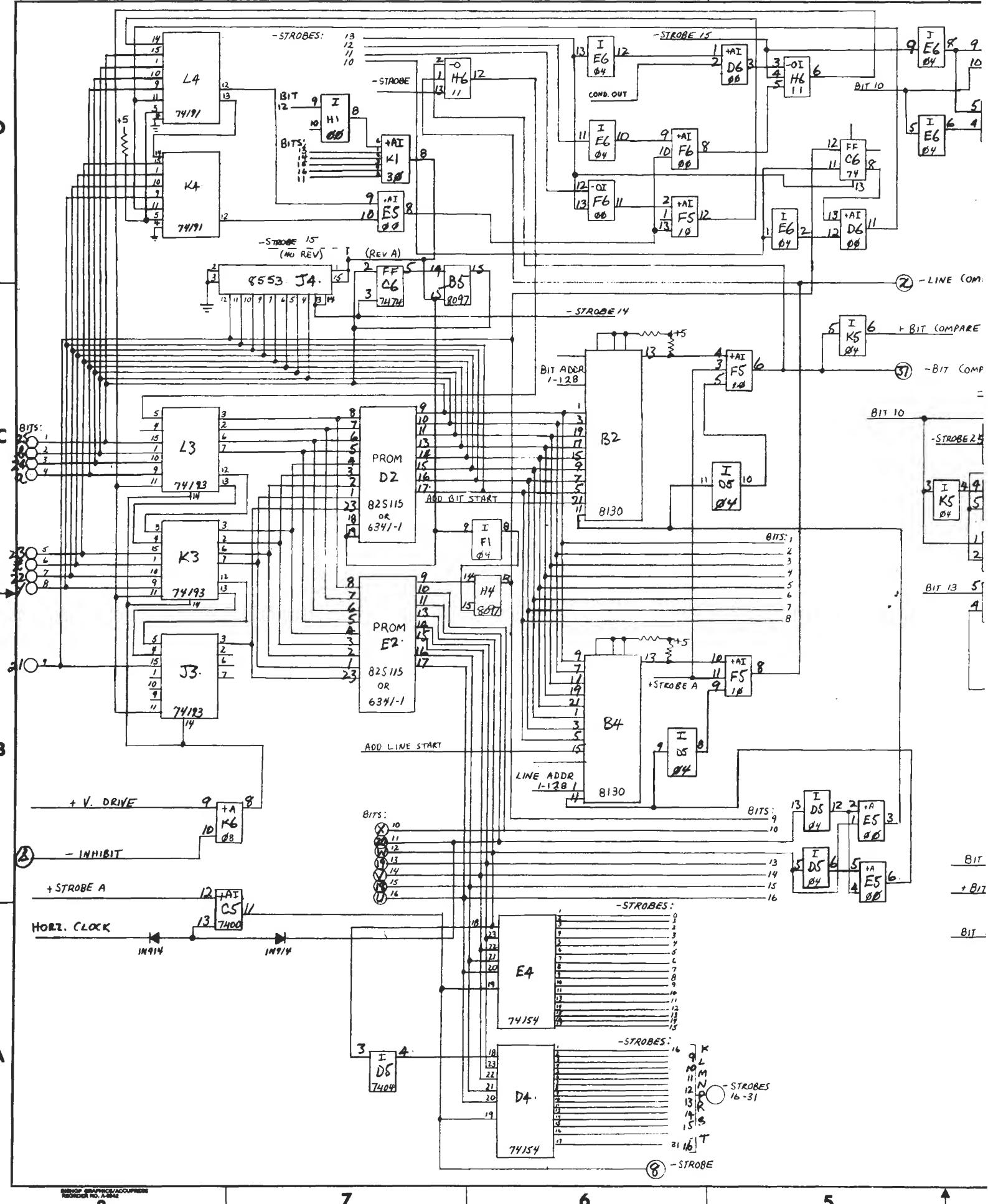
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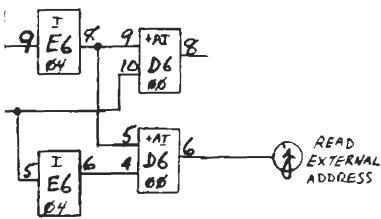
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SCALE | REV.

DRAWING NO.

PROJ. ENG.



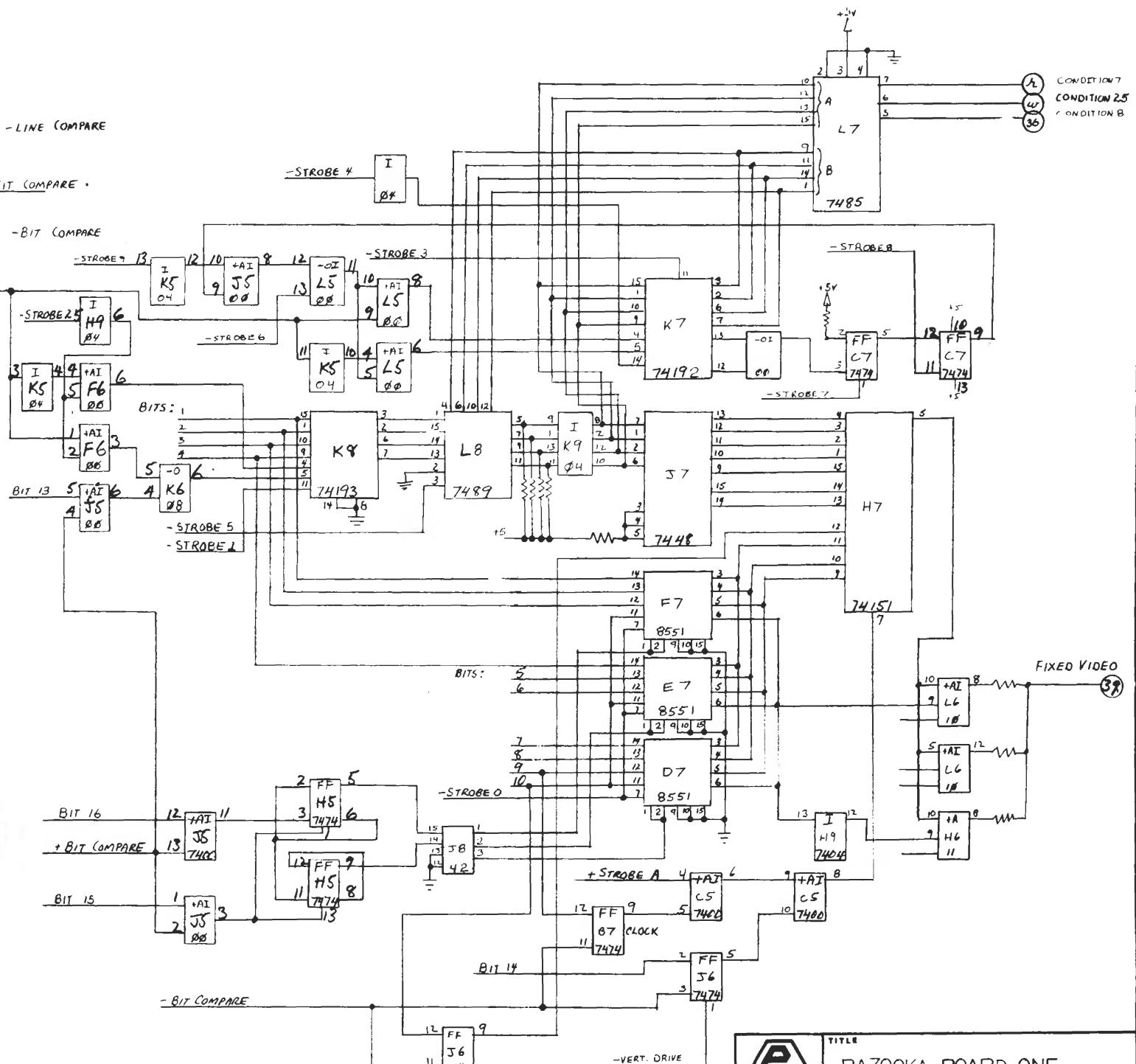


READ  
EXTERNAL  
ADDRESS

## 2 - LINE COMPARE

## → 8 BIT COMPARE →

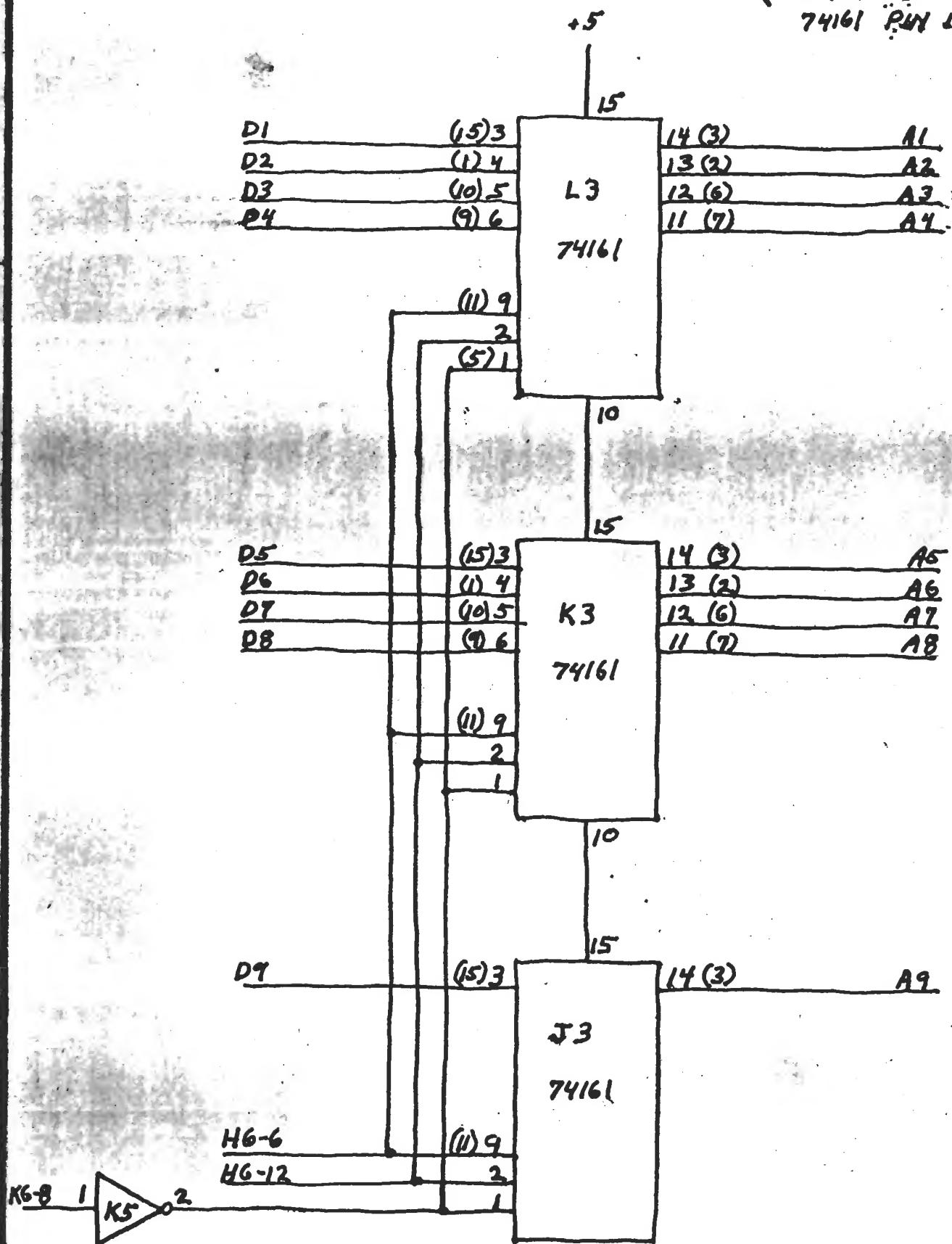
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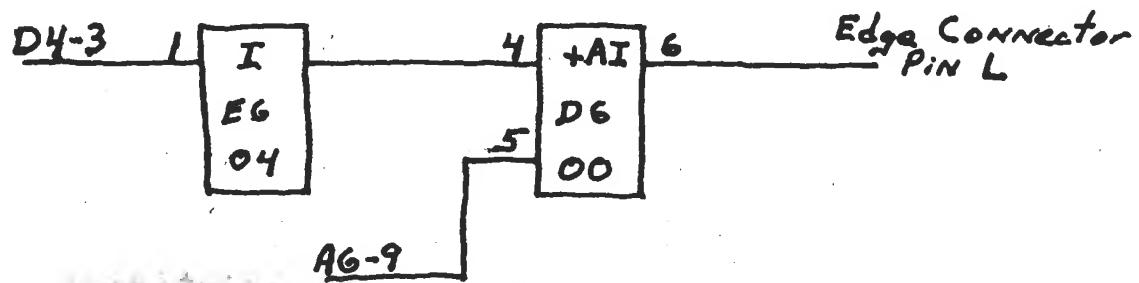


**BAZOOKA BOARD ONE**

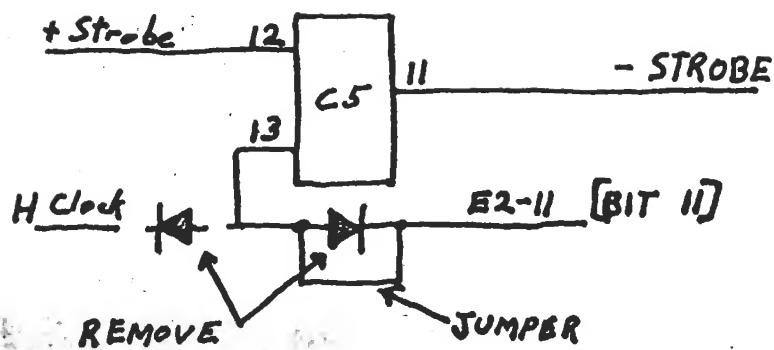
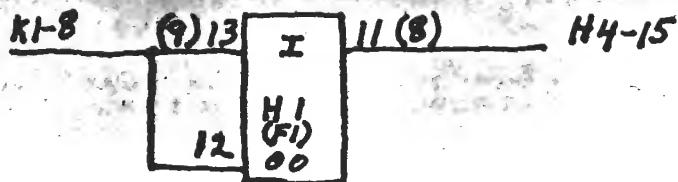
PROJECT SUPPORT ENGINEERING 780 NORTH MARY AVENUE SUNNYVALE, CALIFORNIA 94086 PHONE: (408) 738-8550		TOP ASBY.	APPROVED	INT. DATE
		MEXT ASBY.	DRAWN	
			CHECKED	
			DESIGNER	
DRAWING NO.		SCALE	PROJ. ENG.	
			SH. 1 OF 2	

(OLD (74193) PIN NUMBERS)  
74161 PIN NUMBERS

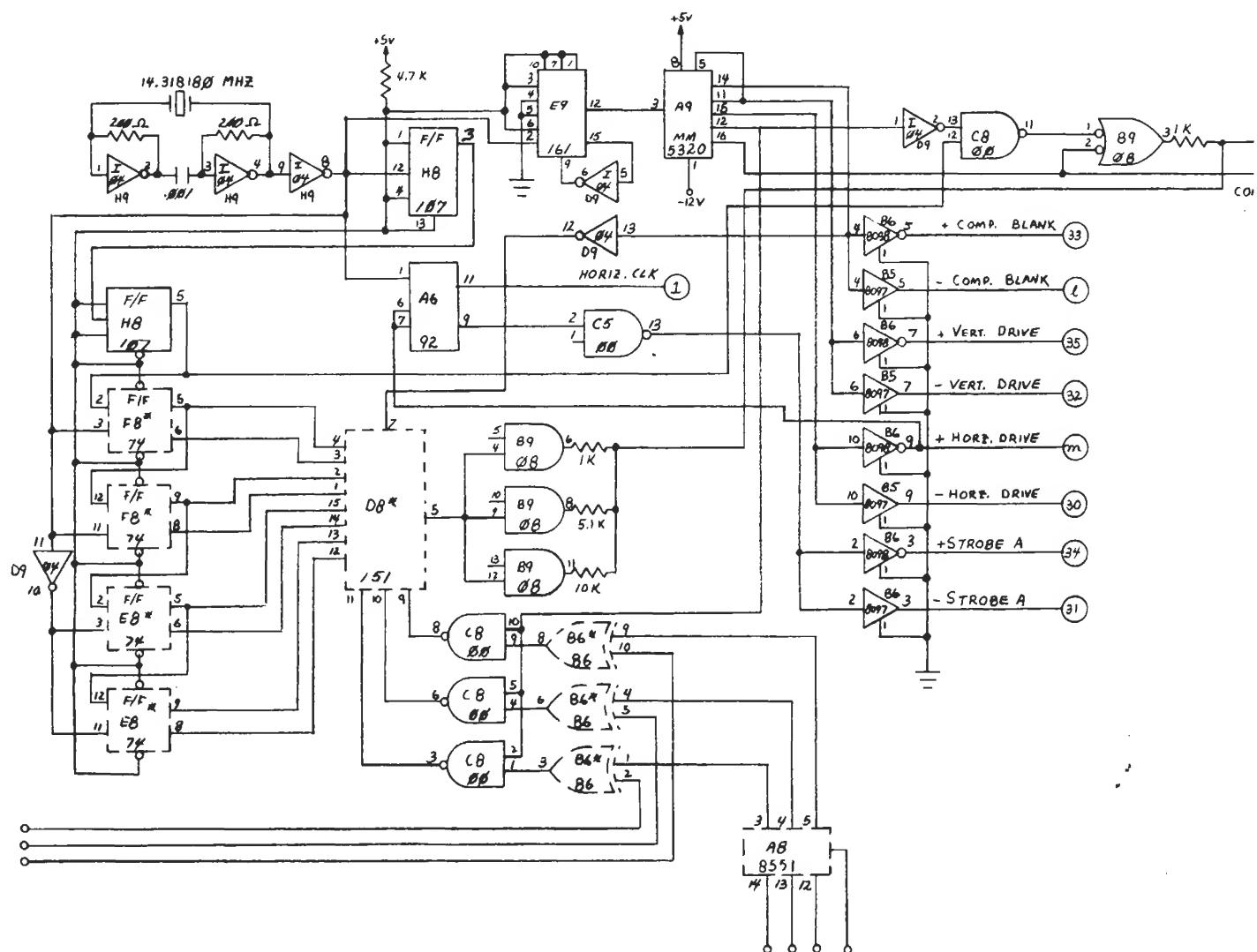


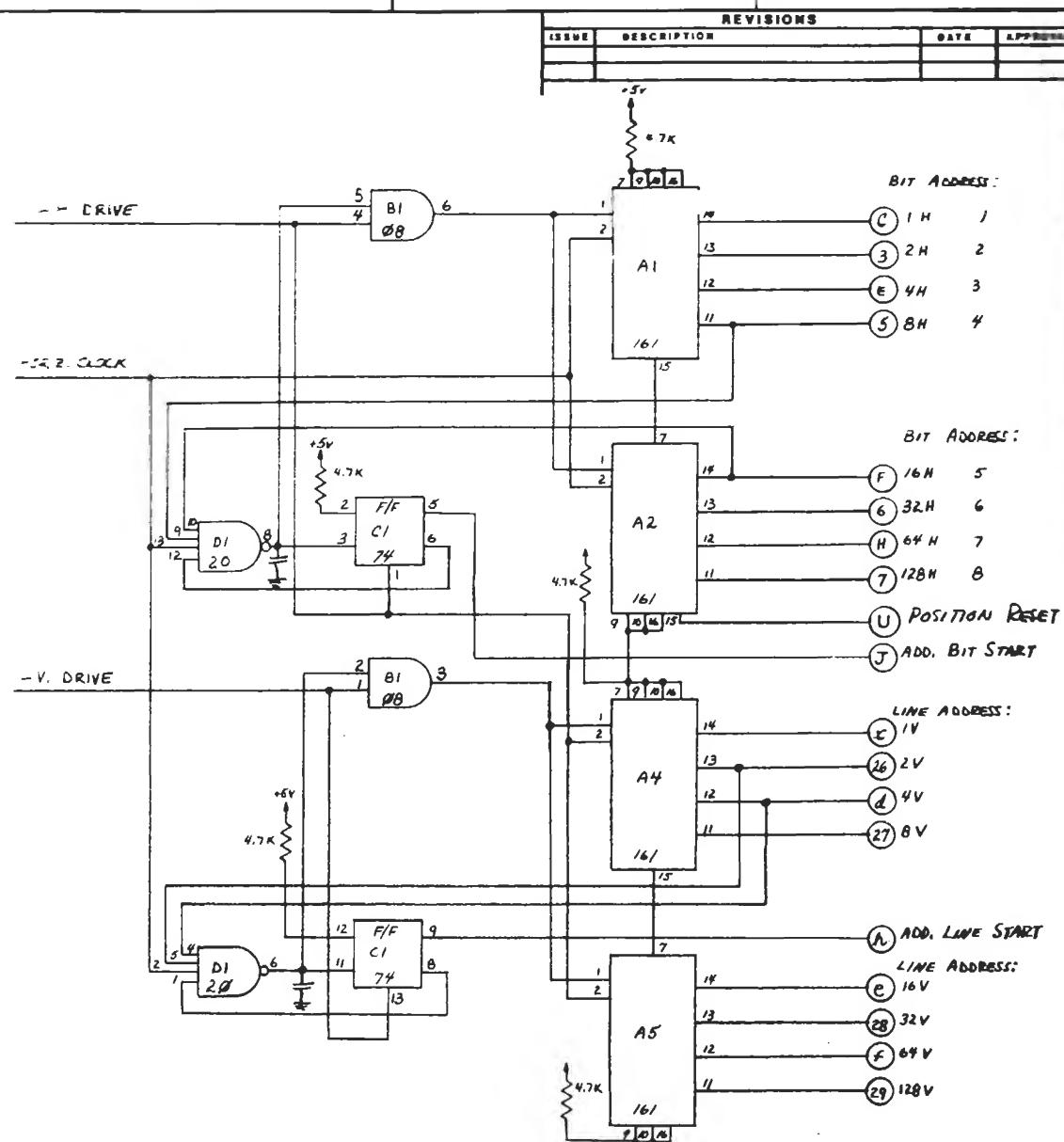


(Old (7404) Pin Numbers)  
7400 Pin Numbers



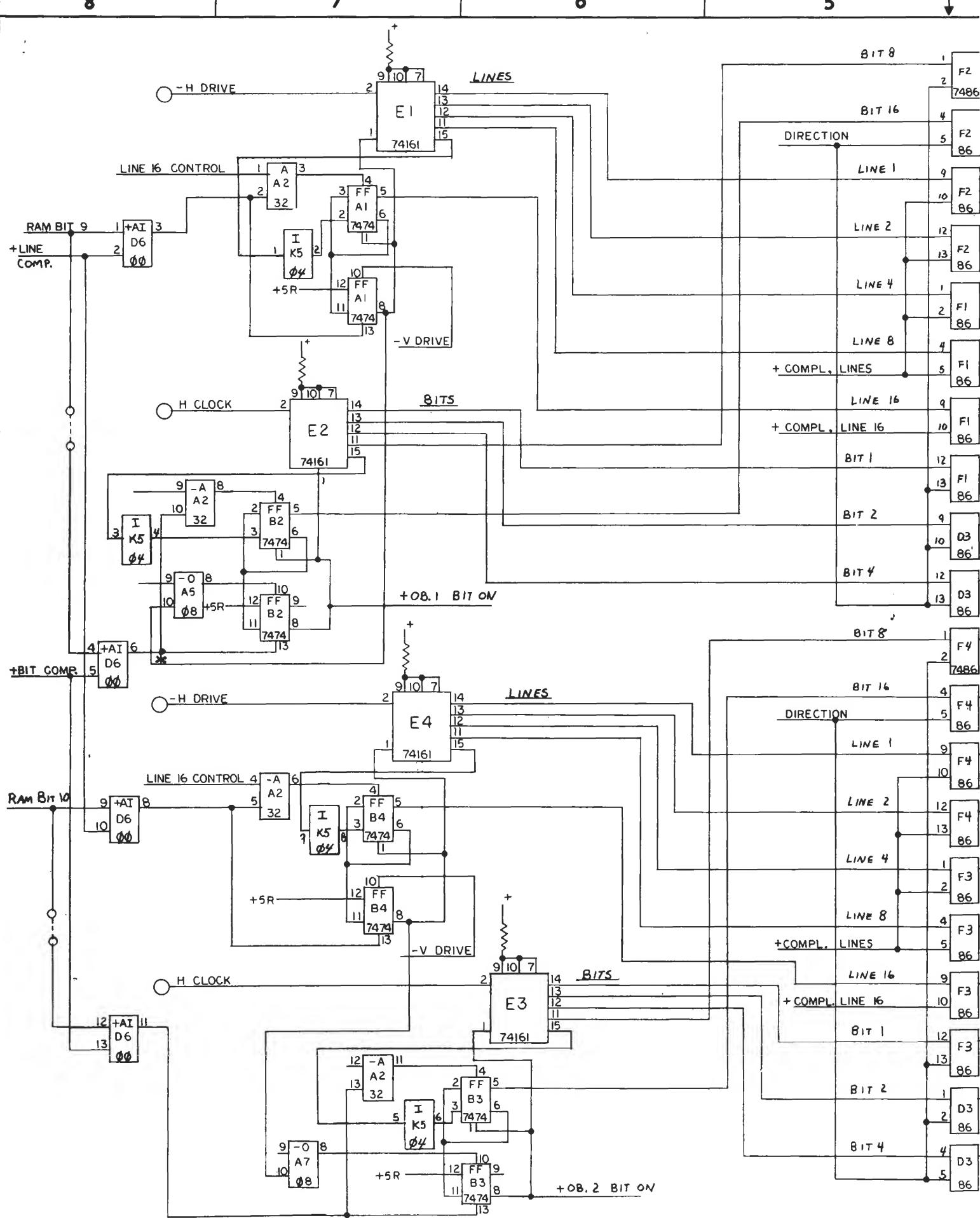
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		CHECKED			
		DESIGNER			
PROJECT SUPPORT ENGINEERING 750 NORTH MARY AVENUE SUNNYVALE, CALIFORNIA 94088 PHONE 14081 739-8550		SH. <u>1</u> OF <u>1</u>	DRAWING NO	PROJ. ENG	
		SCALE	REV.		





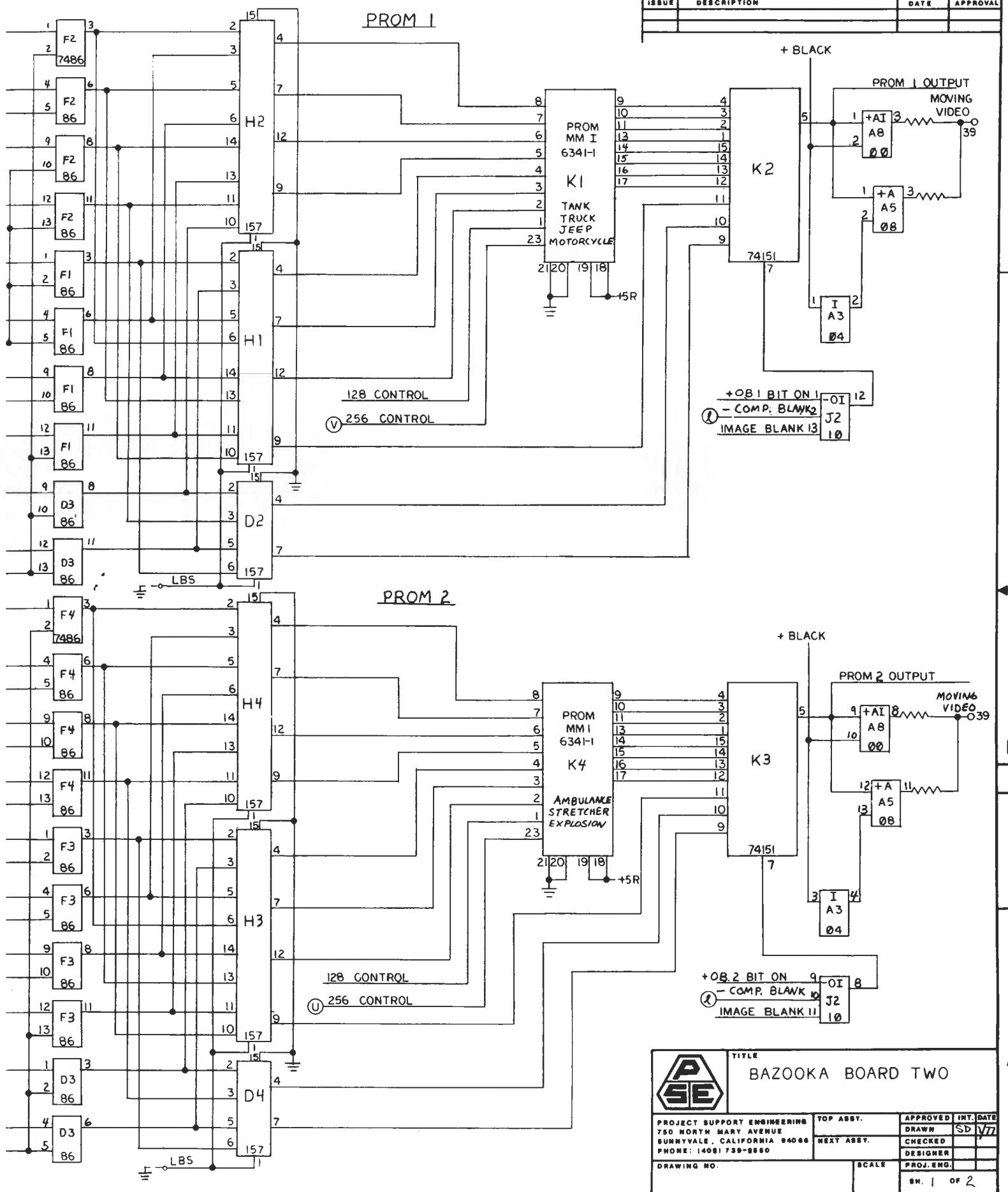
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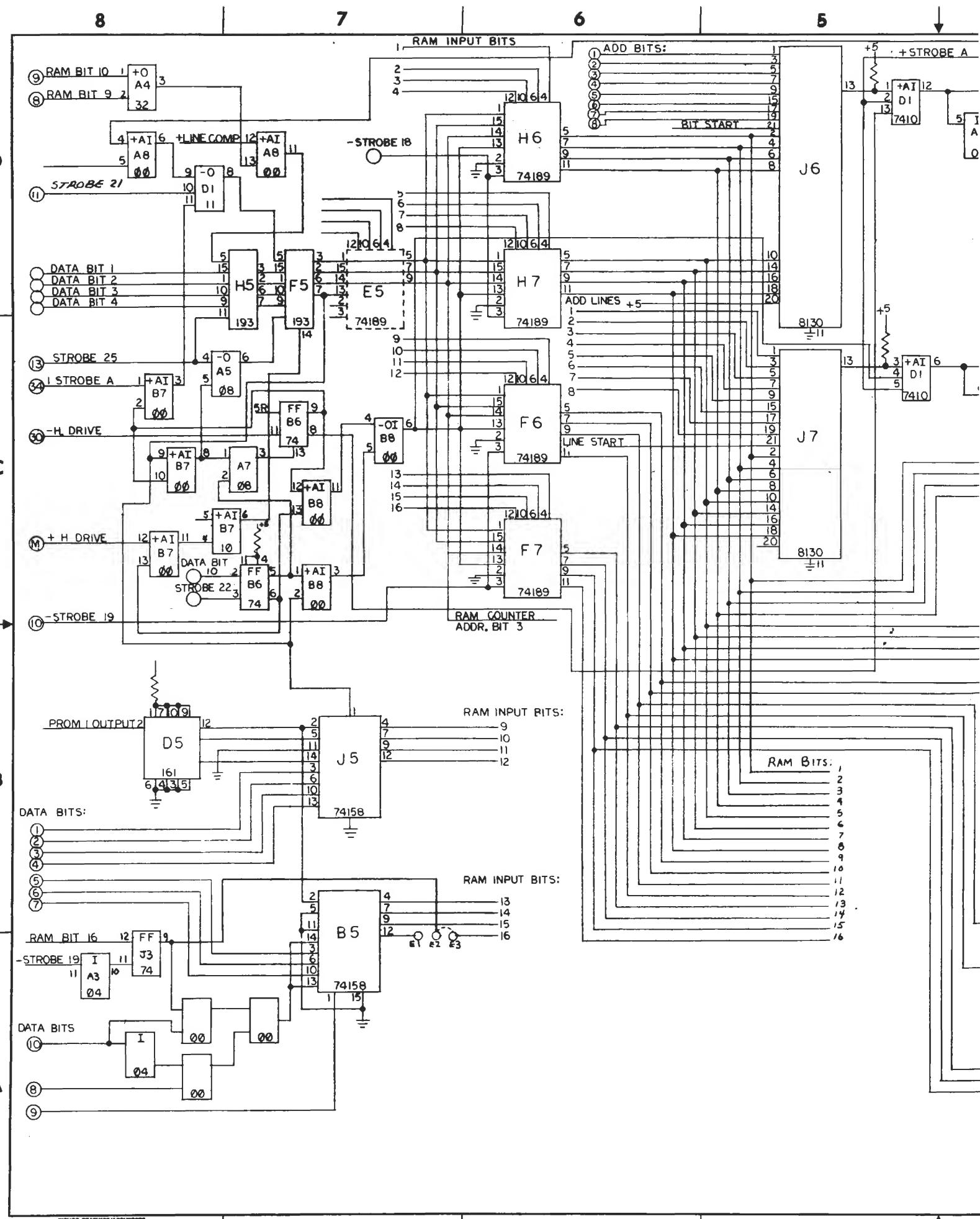
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780 NORTH MARY AVENUE		DRAWN			
SUNNYVALE, CALIFORNIA 94086		CHECKED			
PHONE: (408) 738-6680		DESIGNER			
NEXT ASSTY.		PROJ. ENG.			
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## REVISED

ISSUE	DESCRIPTION	DATE	APPROVAL





4

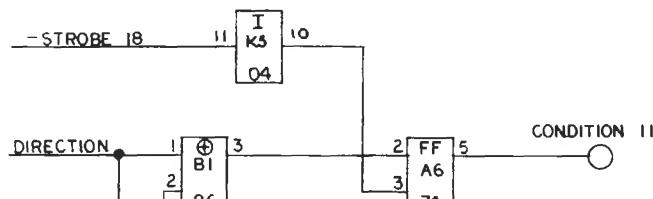
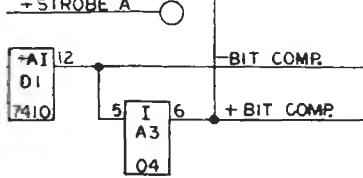
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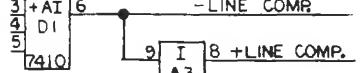
## REVISONS

ISSUE	DESCRIPTION	DATE	APPROVAL



DIRECTION

CONDITION 11



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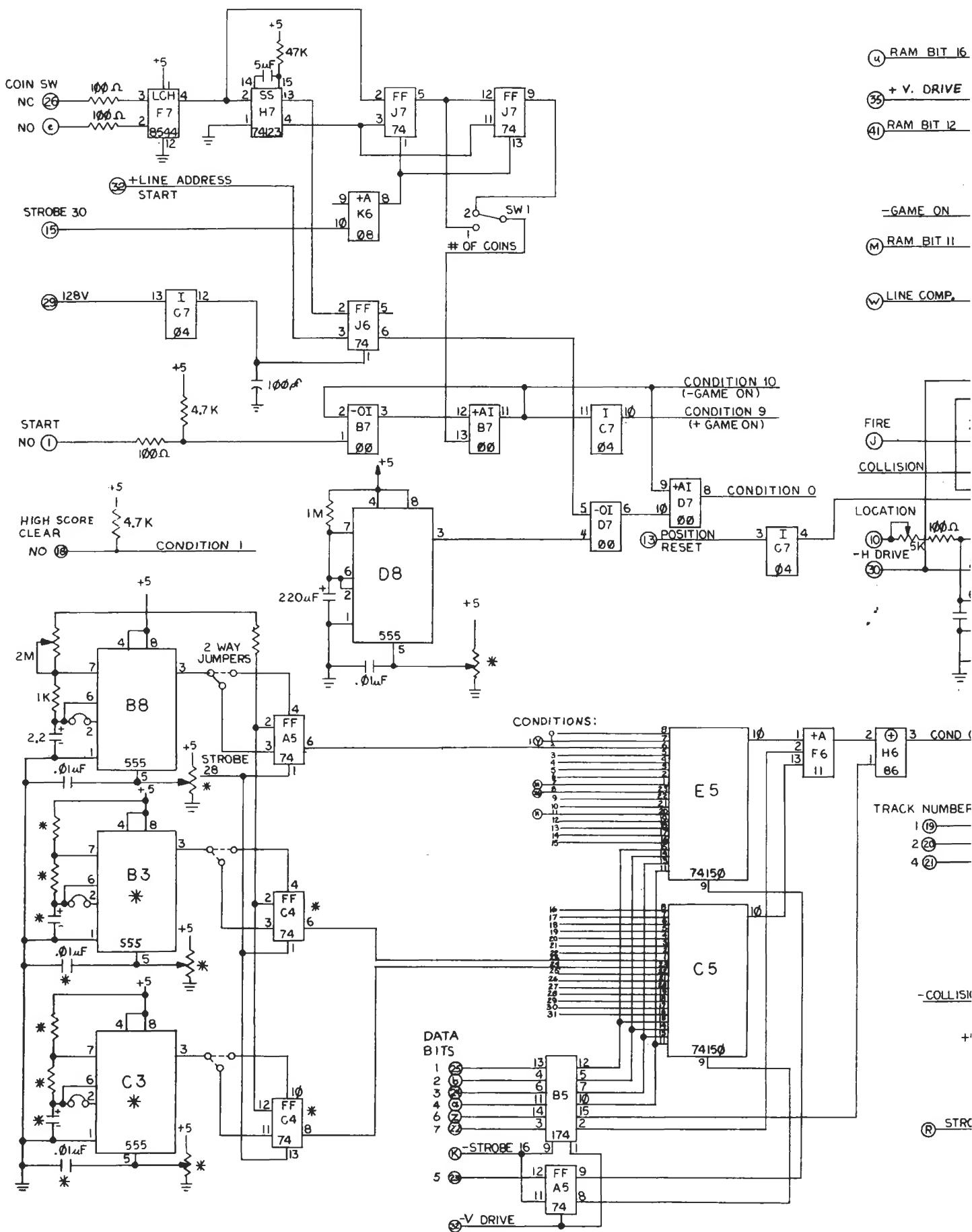
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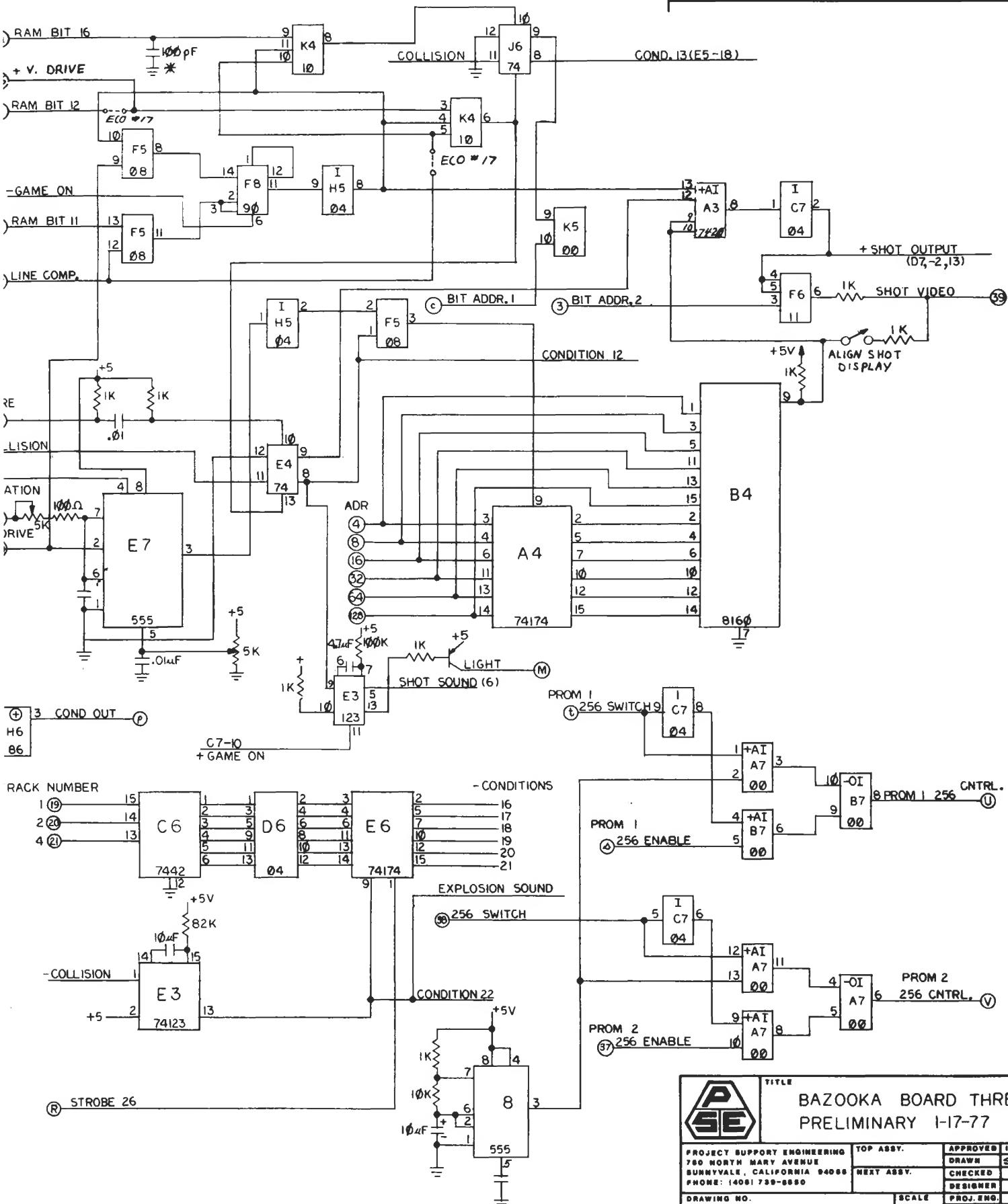
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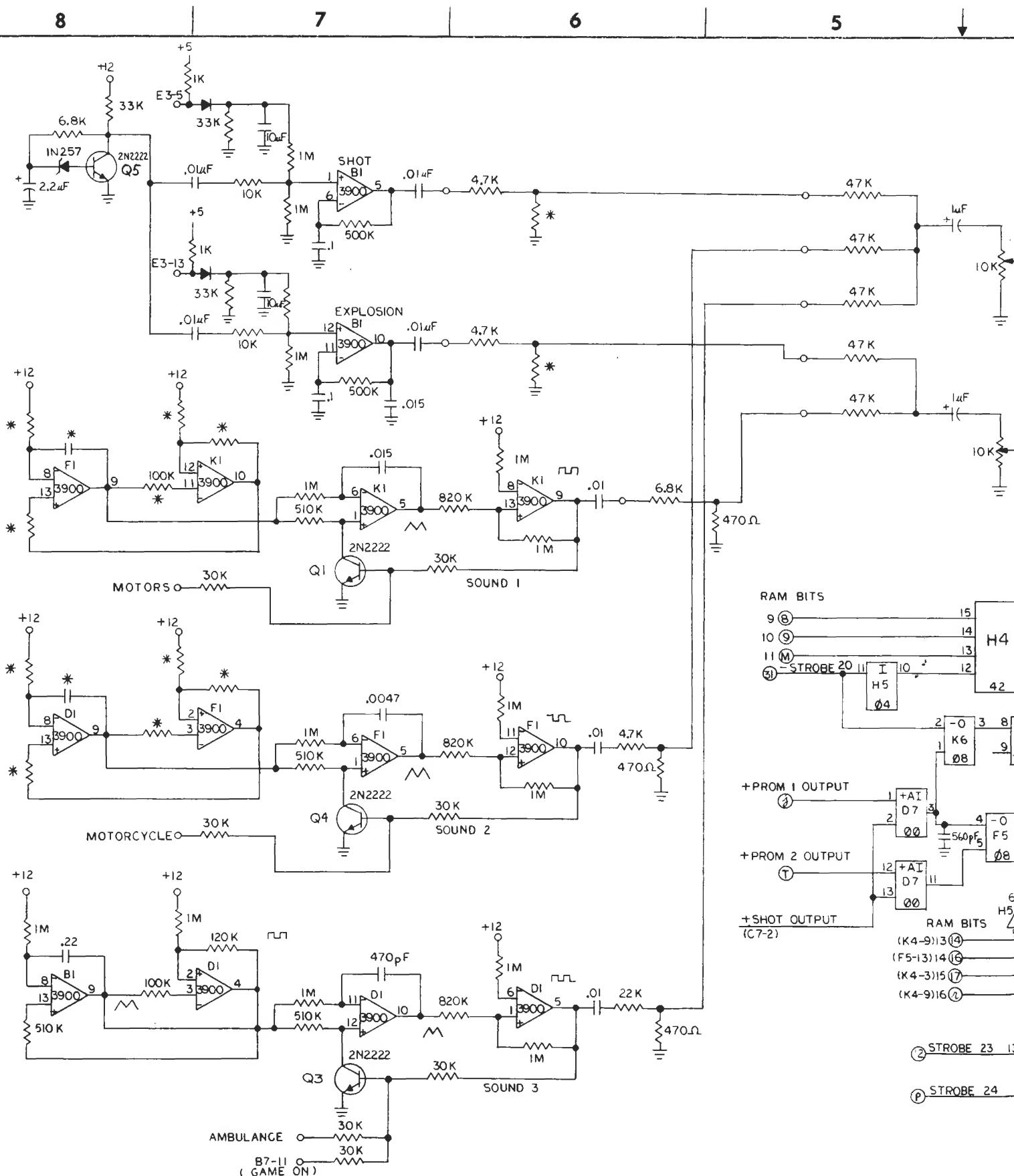
## REVISIONS

REVISIONS			
ISSUE	DESCRIPTION	DATE	APPROVAL



TITLE BAZOOKA BOARD THREE  
PRELIMINARY 1-17-77

PROJECT SUPPORT ENGINEERING 760 NORTH MARY AVENUE BUNNYVALE, CALIFORNIA 94060 PHONE: 14061 739-6650	TOP ASSY.	APPROVED	INT. DATE
	NEXT ASSY.	DRAWN	SD 1/11
DRAWING NO. [REDACTED]	SCALE [REDACTED]	PROJ. ENG. [REDACTED]	BH. 1 OF 2

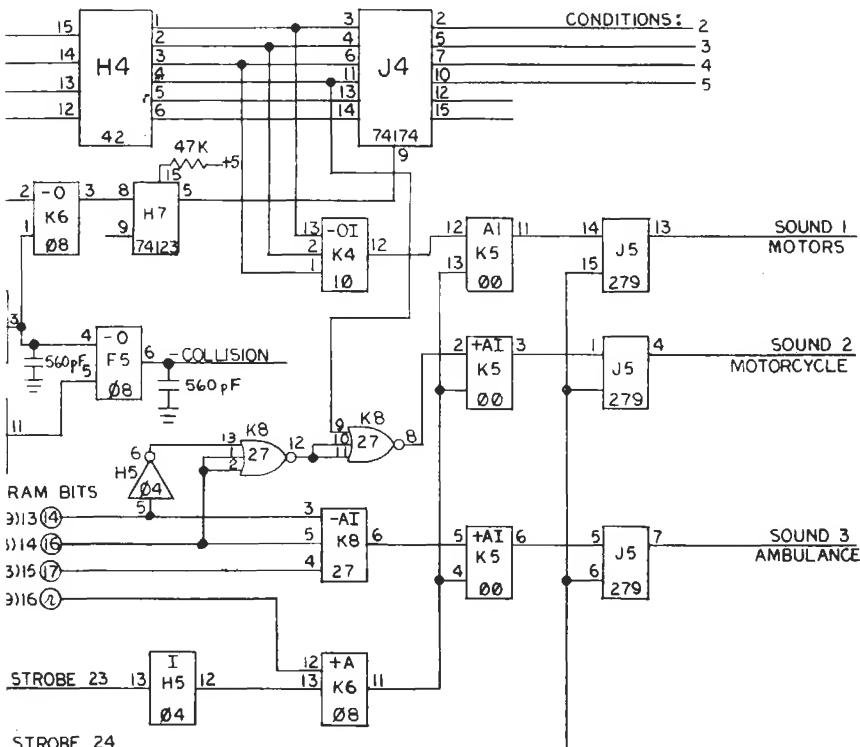
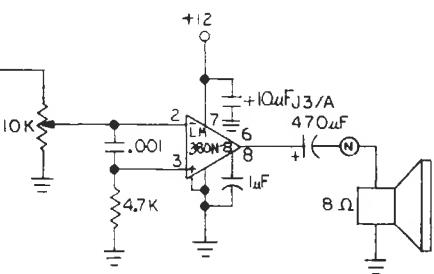
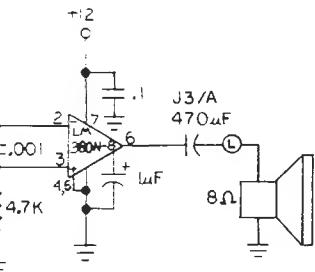


## REVISIONS

ISSUE	DESCRIPTION	DATE	APPROVAL

## NOTE:

ALL PARTS MARKED \*  
NOT USED IN BAZOOKA.



TITLE  
BAZOOKA BOARD THREE  
PRELIMINARY H-7-76

PROJECT SUPPORT ENGINEERING 750 NORTH MARY AVENUE SUNNYVALE, CALIFORNIA 94086 PHONE: (408) 739-6550	TOP ASY.	APPROVED
	DRAWN	80/17
	CHECKED	
	DESIGNER	
	PROJ. ENG.	
	SCALE	
		SH. 2 OF 2

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D

C

B

A

ACTIVE 10 VOLTS  
NOT GROUND

HEAT SINK

TRANSISTOR

MOTHERBOARD

TO FAN  
FAN IS 110V ONLY

.75 AMP FUSE

TO  
LIGHTS &  
GROUND

TO  
MONITORTO 220  
PLUG

AC TERMINAL  
BLOCK  
(NOT SUPPLIED)

8.5 VOLT  
16 VOLTS  
CARD GUIDE

TRANSFORMER

BOARD

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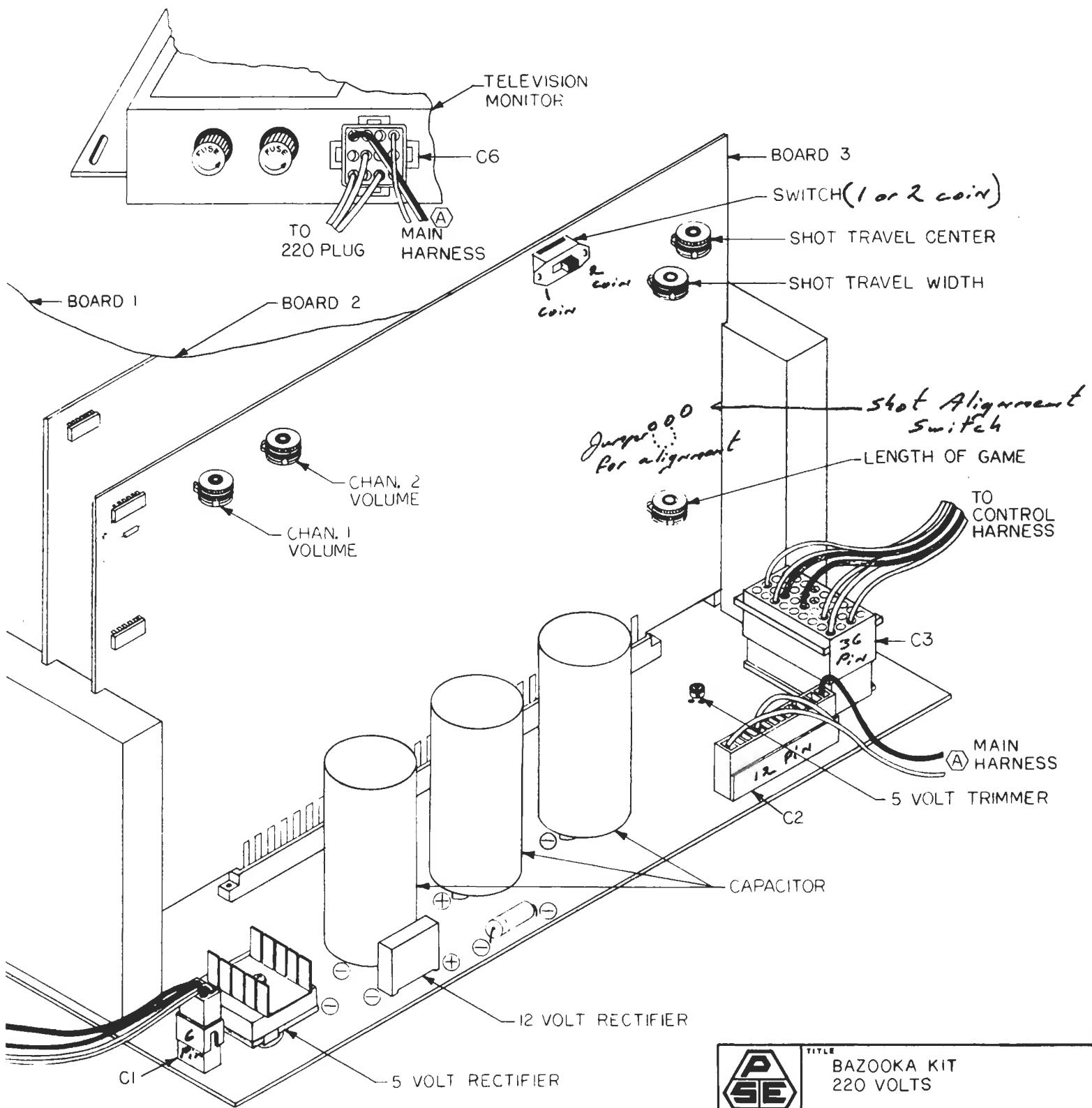
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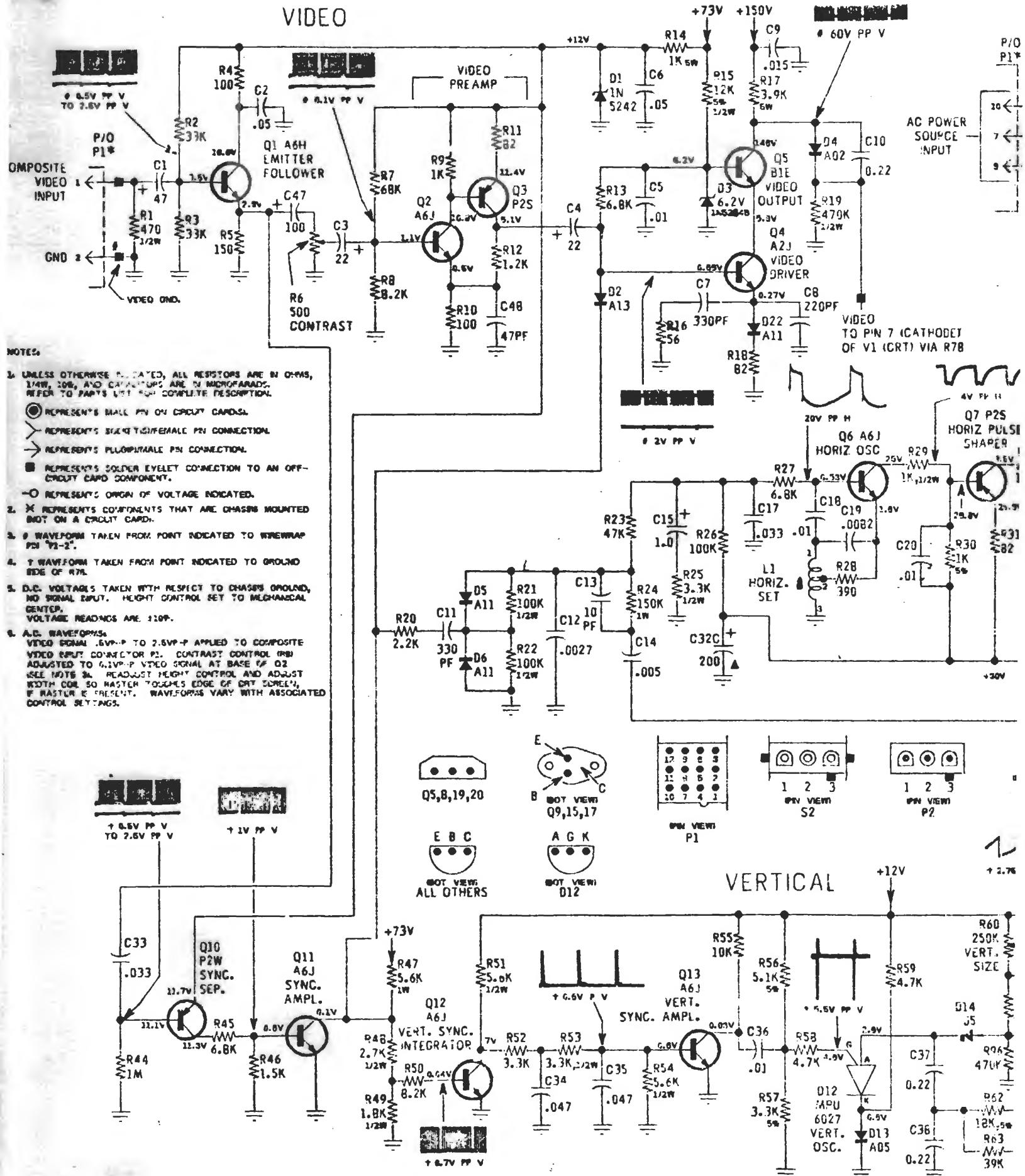
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REVISIONS			
ISSUE	DESCRIPTION	DATE	APPROVAL

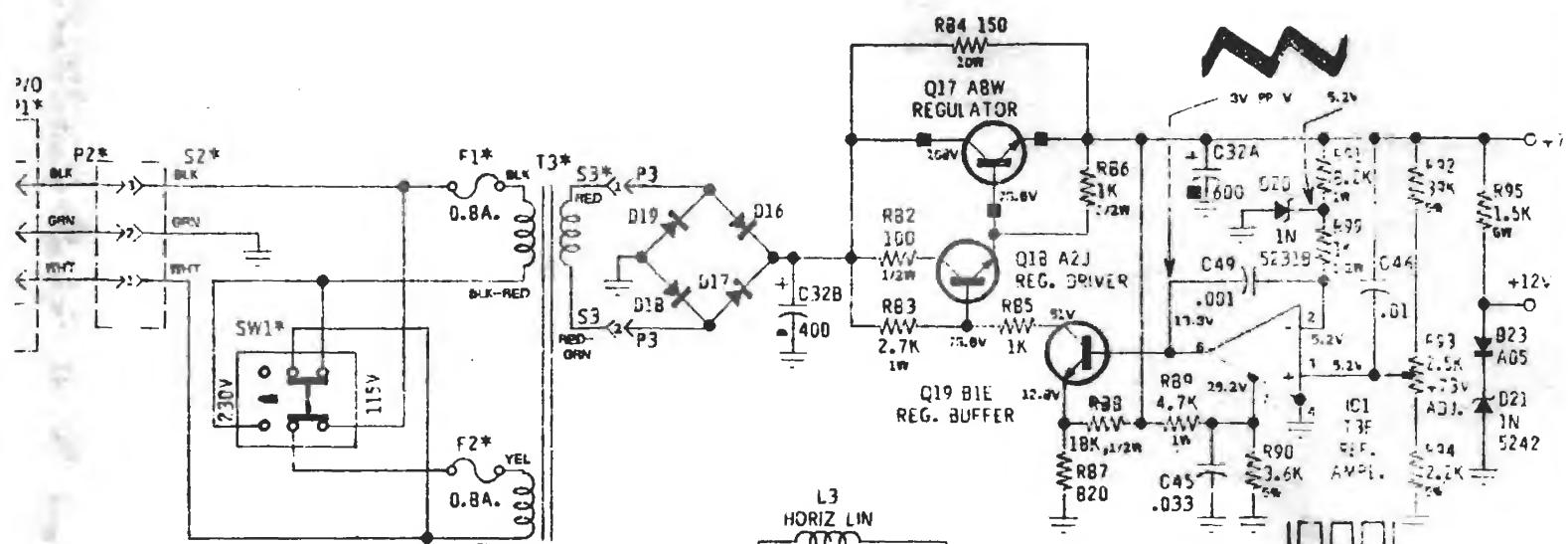


<b>PSE</b>	TITLE BAZOOKA KIT 220 VOLTS	
PROJECT SUPPORT ENGINEERING 750 NORTH MARY AVENUE SUNNYVALE, CALIFORNIA 94088 PHONE 1408 738-8850		TOP ASSY. NEXT ASSY.
DRAWN BY CHECKED BY DESIGNER PROJ. ENG.		APPROVED INT. DATE 5/1/82
DRAWING NO.	SCALE 1/1	SH. 1 OF 1

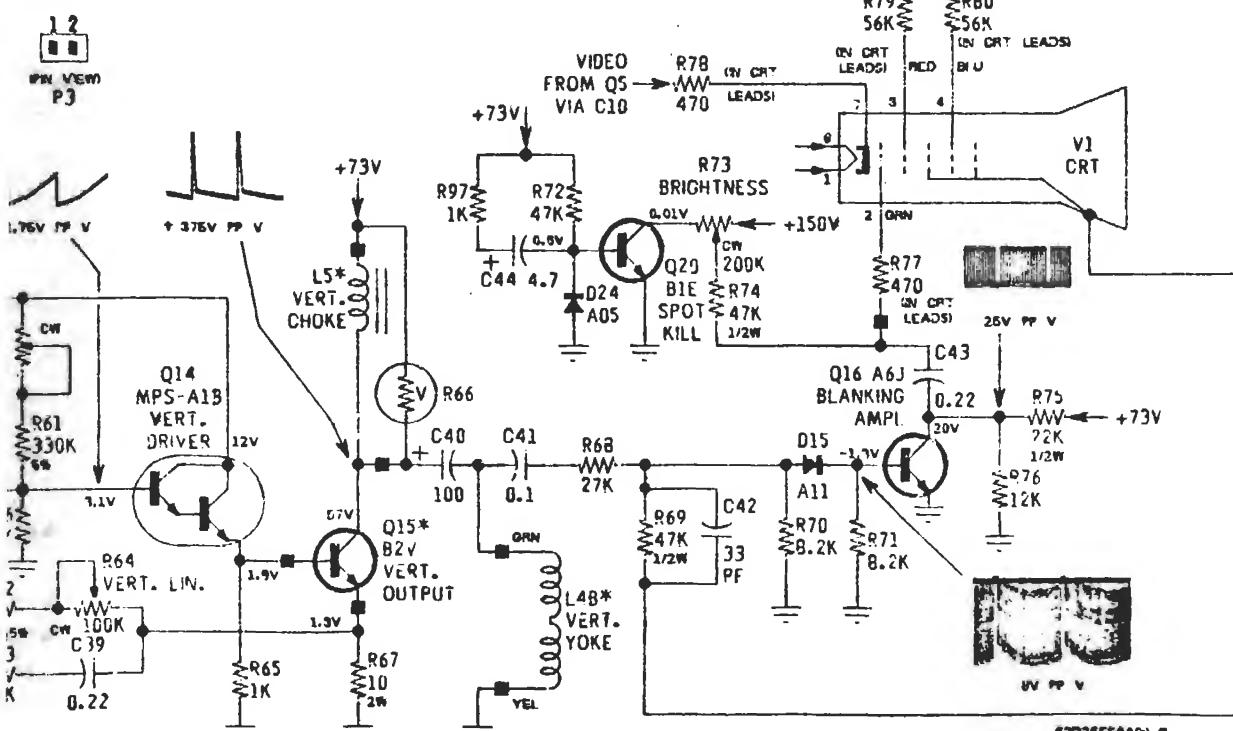
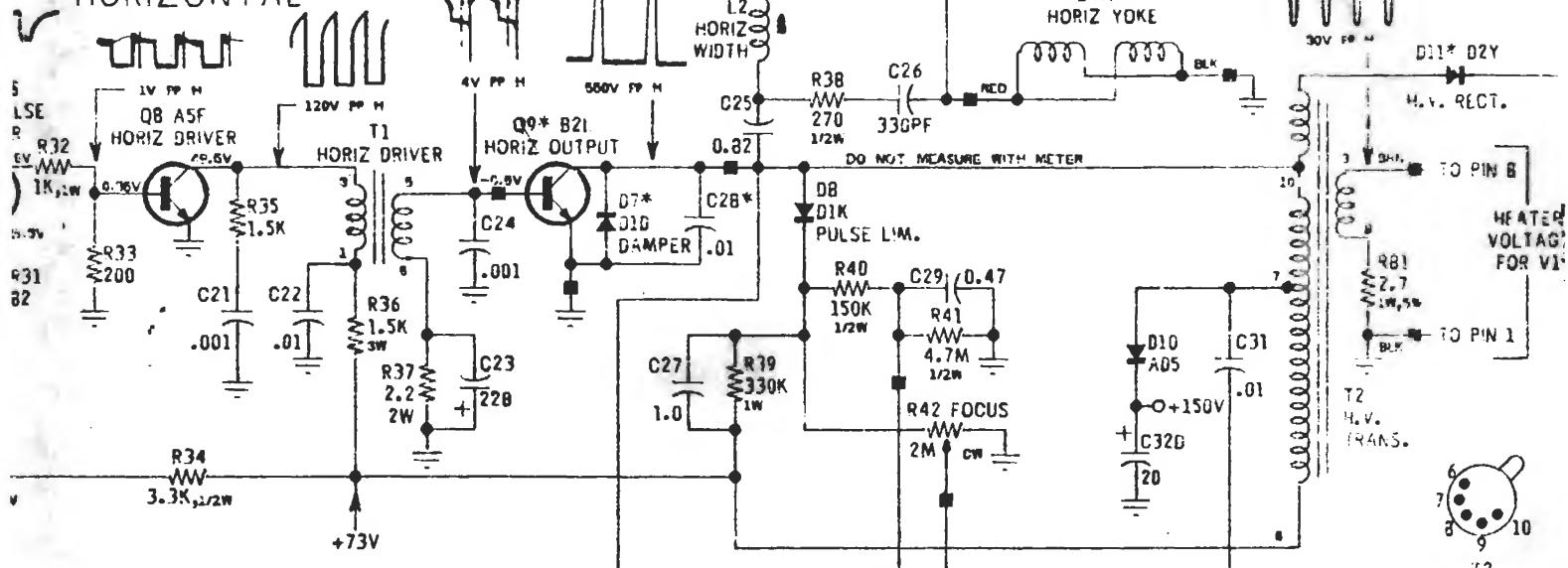
# VIDEO



# POWER SUPPLY



## HORIZONTAL



LAST DESIGNATORS  
 C48 \*1  
 D24 Q20  
 IC2 R39  
 15 SW1  
 T3

M5000-155/M7000-11  
 CRT MONITOR

63D25556A08-0

DIAG. 63D25556A08